

ABSTRACT OF THE DISCLOSURE

A rotor is fixed to a drive shaft supported by a housing. A swash plate is supported slidably and tiltably by the drive shaft. A hinge mechanism is provided between the rotor and swash plate. The hinge mechanism comprises two rotor-side protrusions provided in the rotor and a protruding portion provided in the swash plate. The protruding portion is inserted between side faces in which the two rotor-side protrusions face each other, and perform power transfer between the rotor and swash plate by two-dimensionally abutting against a side face of one of the rotor-side protrusions. A concavity is provided in the side face of the rotor-side protrusion. Therefore, an area of the side face of the rotor-side protrusion abutting on the side face of the swash-plate-side protrusion decreases, and smooth change of discharge volume is achieved while controlling processing cost.